

Comparisons of Job Characteristics

Focus Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)

Associated Occupation: Motorboat Operators (53-5022)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 70

Focus Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)

Associated Occupation: Motorboat Operators (53-5022)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Geography	3.9	14.2	12.5	< Expanded education and/or training may be required
Mechanical	6.8	13.6	9.8	<< Extensive education and/or training may be required
Transportation	4.6	10.9	16.0	>> Current knowledge level is likely more than sufficient
Biology	3.7	9.3	2.5	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)

Associated Occupation: Motorboat Operators (53-5022)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Operation and Control	5.4	12.6	14.0	> Skill level is likely sufficient
Operation Monitoring	6.6	11.6	13.0	> Skill level is likely sufficient
Quality Control Analysis	5.9	8.7	7.9	< A higher skill level may be required
Equipment Maintenance	3.5	8.6	5.8	<< Extensive development of skills in this area may be required
Troubleshooting	4.5	8.0	7.9	0 Current skill level may be sufficient
Repairing	3.4	7.6	5.9	< A higher skill level may be required
Equipment Selection	3.3	6.9	4.2	<< Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 87			
Focus Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021) Associated Occupation: Motorboat Operators (53-5022)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	14.4	12.6	<	Some improvement in abilities may be required
Far Vision	7.8	14.4	15.9	>	Current ability level is likely sufficient
Spatial Orientation	2.7	12.5	13.4	0	Current ability level may be sufficient
Selective Attention	8.7	11.8	11.9	0	Current ability level may be sufficient
Response Orientation	4.0	11.0	9.1	<	Some improvement in abilities may be required
Glare Sensitivity	2.6	10.2	11.6	>	Current ability level is likely sufficient
Time Sharing	6.6	9.8	10.6	0	Current ability level may be sufficient
Peripheral Vision	2.2	8.2	8.3	0	Current ability level may be sufficient
Night Vision	2.1	6.6	7.8	>	Current ability level is likely sufficient
Sound Localization	2.2	6.4	6.0	0	Current ability level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 90
Focus Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021) Associated Occupation: Motorboat Operators (53-5022)		
Work Activities	Exclusivity of Activity	
Measure water depth	95	
Operate boat or towing equipment	95	
Operate emergency fire or rescue equipment	80	
Operate navigation technology or equipment	87	
Perform safety inspections in transportation setting	62	
Read maps	42	
Read navigation charts	85	
Steer boat or ship	92	
Transport passengers or cargo	64	
Use geographic positioning system (GPS)	81	
Use two-way radio or mobile phone	42	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)
Associated Occupation: Motorboat Operators (53-5022)

Tools and Technologies	Exclusivity
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Tools and technology data is unavailable for one or both occupations.	
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Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.